**Flir iXX-Series Combines Thermal Camera with App-Enabled Functionality to Transform Asset Condition Monitoring Tasks**

*Flir iXX with Assetlink Browser-Based Software Leverages Asset-Centric Structured Data to Speed Workflows and Aid Better Decision Making*

**September. 16, 2025** – [Flir](https://www.flir.com/), a Teledyne Technologies company, today introduced the iXX-Series of next-generation app-enabled thermal cameras that are set to transform inspection tasks across a multitude of asset condition monitoring, building inspection, and other applications. Built on Flir’s new ACE platform, the iXX combines the power of apps with a high-performance thermography inspection tool, enabling scalable, intuitive, and connected condition monitoring. Notably, direct integration with Flir Assetlink browser-based software automatically connects Flir radiometric images to an asset hierarchy structure, speeding workflows and delivering critical insight.

Traditional thermal inspections are often complex, inconsistent, and disconnected. Scaling traditional thermography programs can be difficult, yet failing to do so results in safety and productivity related costs. The new Flir iXX solves these challenges with a high-quality, app-driven platform that simplifies inspections, standardizes data, and scales effortlessly across teams and sites.

“Most people don’t buy smartphones for the hardware, but to take advantage of capability-enhancing apps,” explains Rob Milner, Director Business Development. “Using its ACE ecosystem, our new iXX becomes a portable infrared camera that hosts Flir and third-party apps to solve end-user pain points. Customers gain from simplified and faster workflows, support for inexperienced operatives, and the ability to solve documentation, communication, and decision pains. With the iXX, it’s even possible to create private apps that meet user-specific requirements and goals.”

**Plugging the Skills Gap**

Around 60% of maintenance teams report a shortage of skilled thermographers. To help overcome this issue, intuitive, app-guided workflows on the new Flir iXX-Series enable maintenance workers of any skill level to undertake efficient and secure inspections.

The FLIR iXX comes with everything needed to get started, even providing an onboarding app to ensure successful adoption. The result is a shallower learning curve for less experienced users looking to perform expert-level inspections and accurately assess asset condition.

**Better Asset Health Insight**

Reporting demands up to 50% of a technician’s time using traditional workflows. However, this percentage drops to zero with connected workflows, allowing users to focus on inspections, not paperwork.

The iXX comes loaded with Flir's new Assetlink browser-based software, which allows users to plan inspections, connect thermal images to asset data, and produce inspection reports with the goal of simplifying workflows, improving asset health, and reducing reporting time. Furthermore, trend visualization provides insight on asset condition not possible with a single snapshot, while dashboard data visualization simplifies communication and improves operator understanding of condition monitoring programs.

Direct cloud integration takes place via Wi-Fi or LTE (certain models only) for immediate uploading, organization, and sharing of data, as well as seamless reporting and analysis. Operatives can send and receive messages, emails, and even video calls directly from the device to stay connected with their team.

Importantly, Flir is accredited to ISO 27001, the internationally recognized standard for Information Security Management Systems (ISMS), with the iXX supporting device management app deployment to ensure the secure handling of data behind a firewall.

**Industry-Wide Beneficiaries**

Although Flir designed the iXX-Series for a range of applications, the cameras are particularly well-suited to electrical and mechanical inspections across manufacturing, industrial, commercial, data center, and utility environments, enabling early fault detection and less downtime. Enterprise-level condition monitoring programs with asset hierarchy, cloud-based data management, and team-wide collaboration can also take advantage of the Flir iXX with Assetlink. A further target application is building diagnostics and facility maintenance, including moisture detection, HVAC performance checks, and energy loss assessments.

Crystal-clear thermal images are assured for all users with up to 480 × 640 resolution and Flir-patented MSX® enhancement, which embosses visible details on to thermal images for faster problem identification. The hardware includes an 8 MP visual camera and a large, high-resolution touchscreen. All iXX models offer 40 mK NETD thermal resolution and ±2°C (±3.6°F) accuracy.

To learn more about iXX and Assetlink please visit: [www.flir.eu/ixx-series](http://www.flir.eu/ixx-series)

**ABOUT FLIR, A TELEDYNE TECHNOLOGIES COMPANY**

Flir, a Teledyne Technologies company, is a world leader in intelligent sensing solutions for industrial applications with thousands of employees worldwide. Introducing the first commercial infrared camera for condition monitoring in 1965, the company creates advanced technologies to help professionals make better, faster decisions that save lives and livelihoods. For more information, please visit [www.flir.com](http://www.flir.com) or follow @flir.